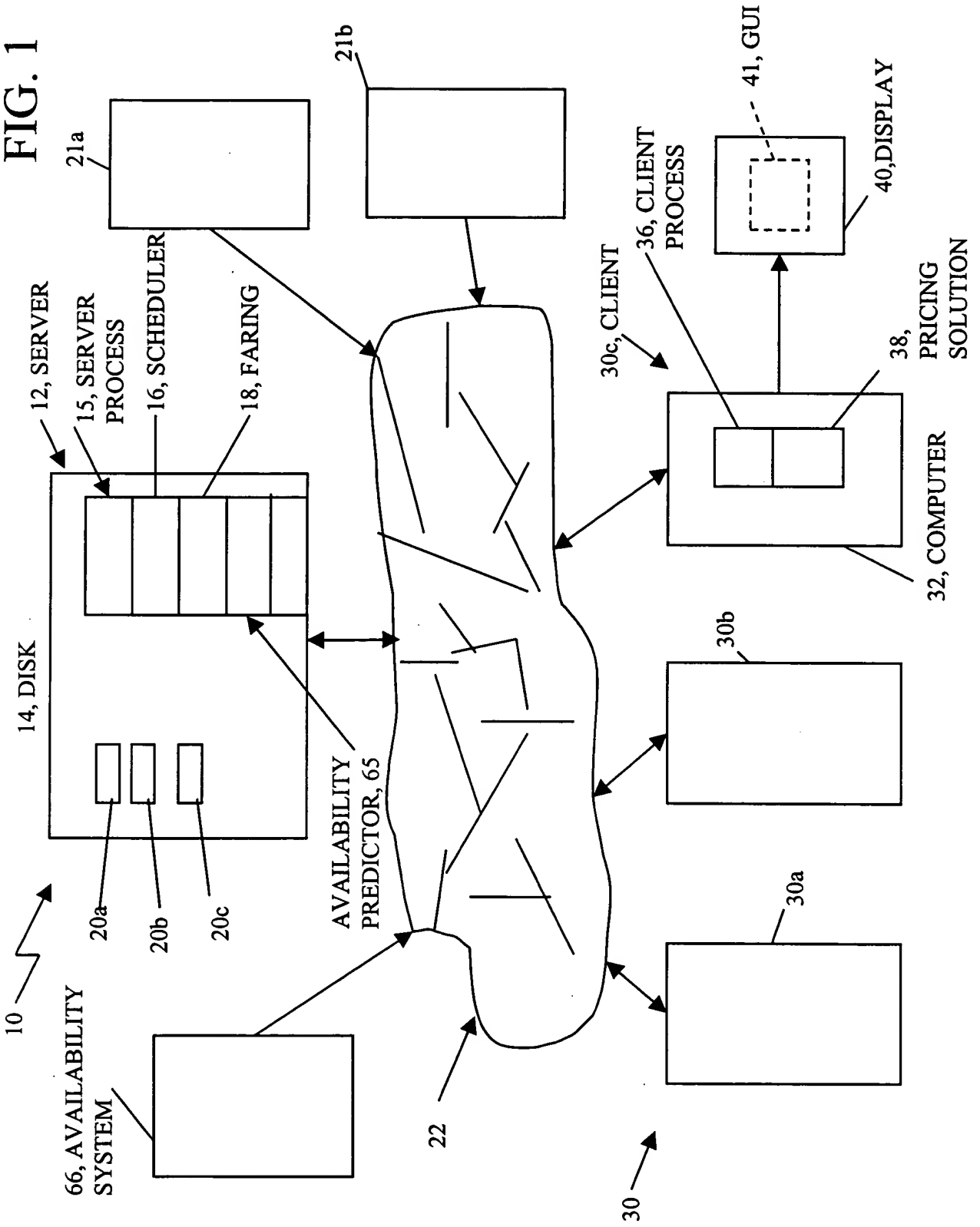


FIG. 1



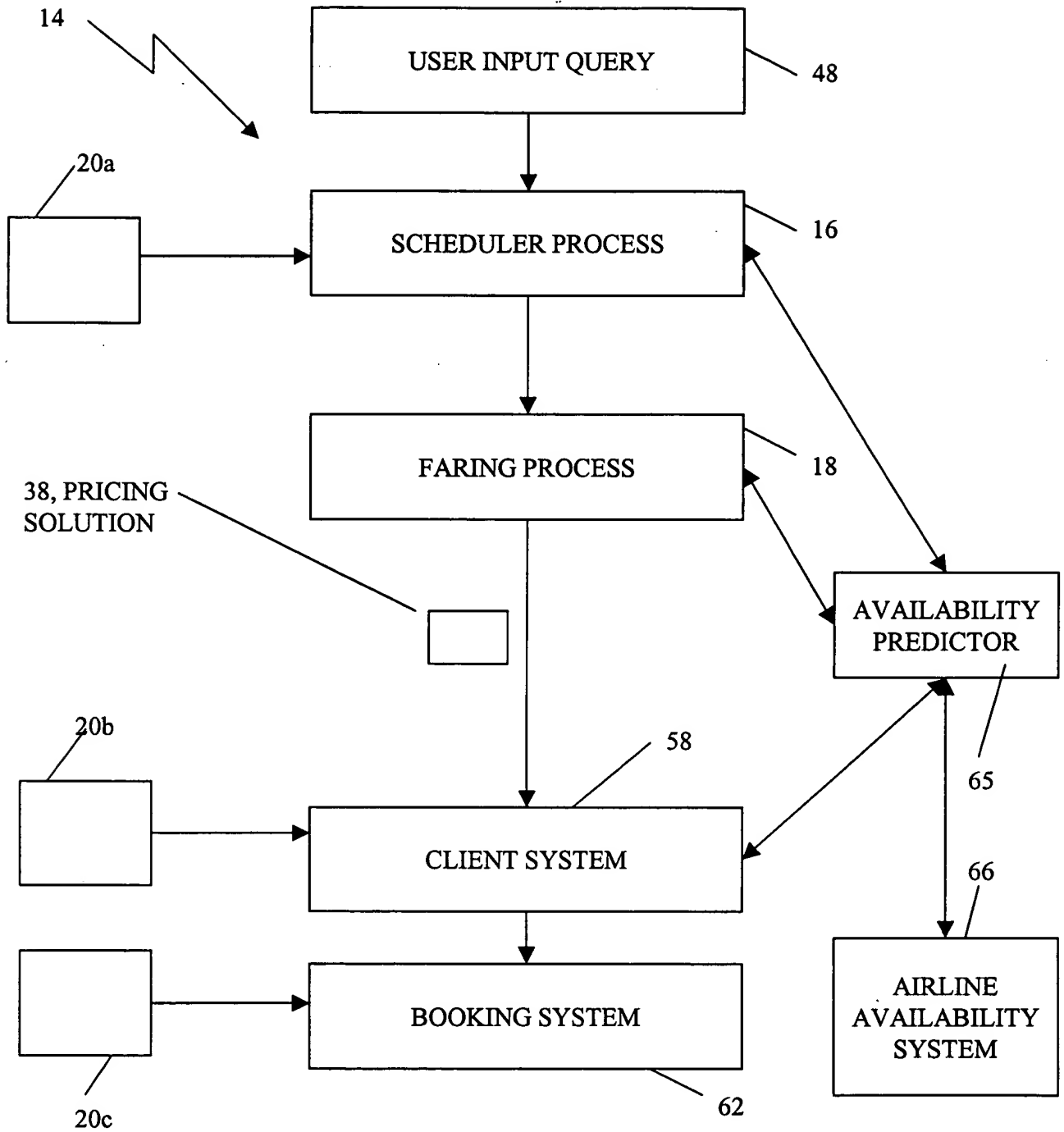


FIG. 2

65a

70

FIG.3

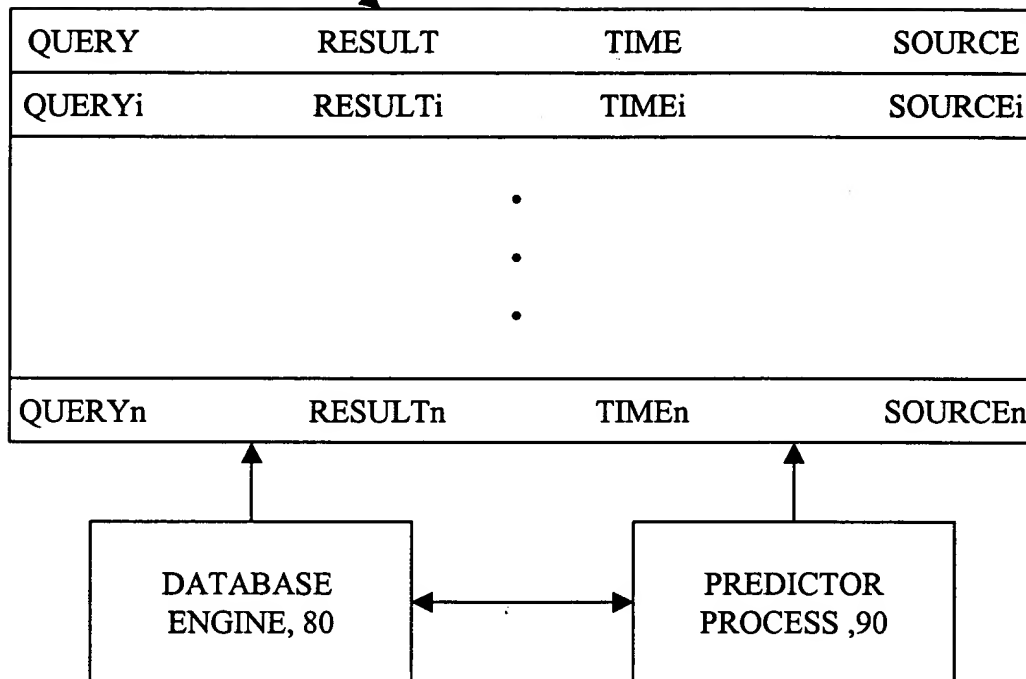
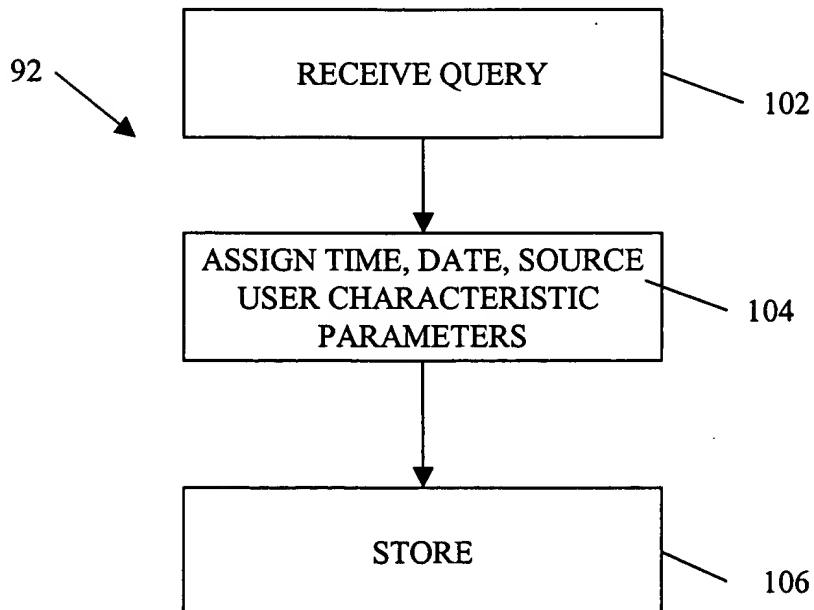


FIG. 5



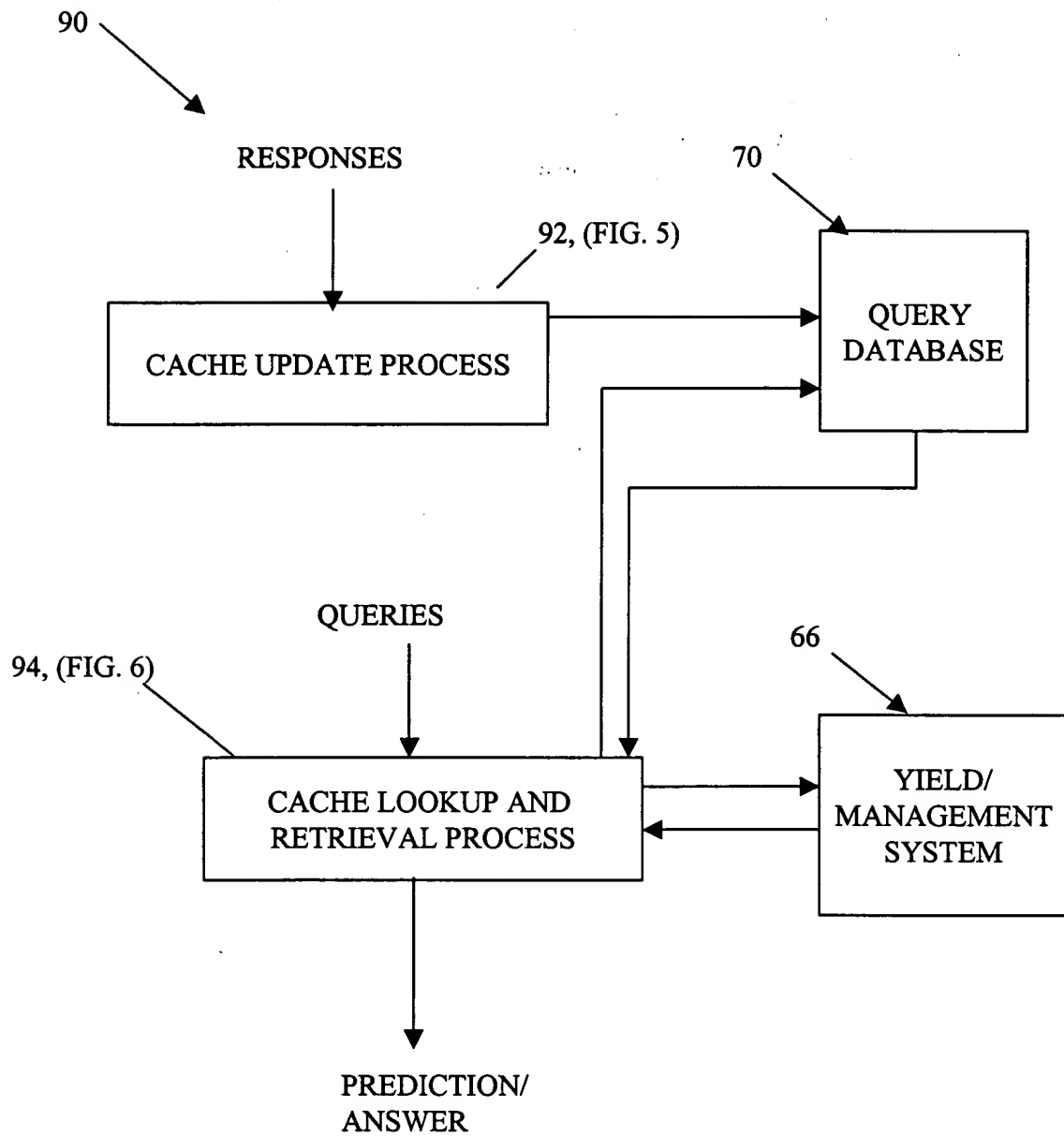
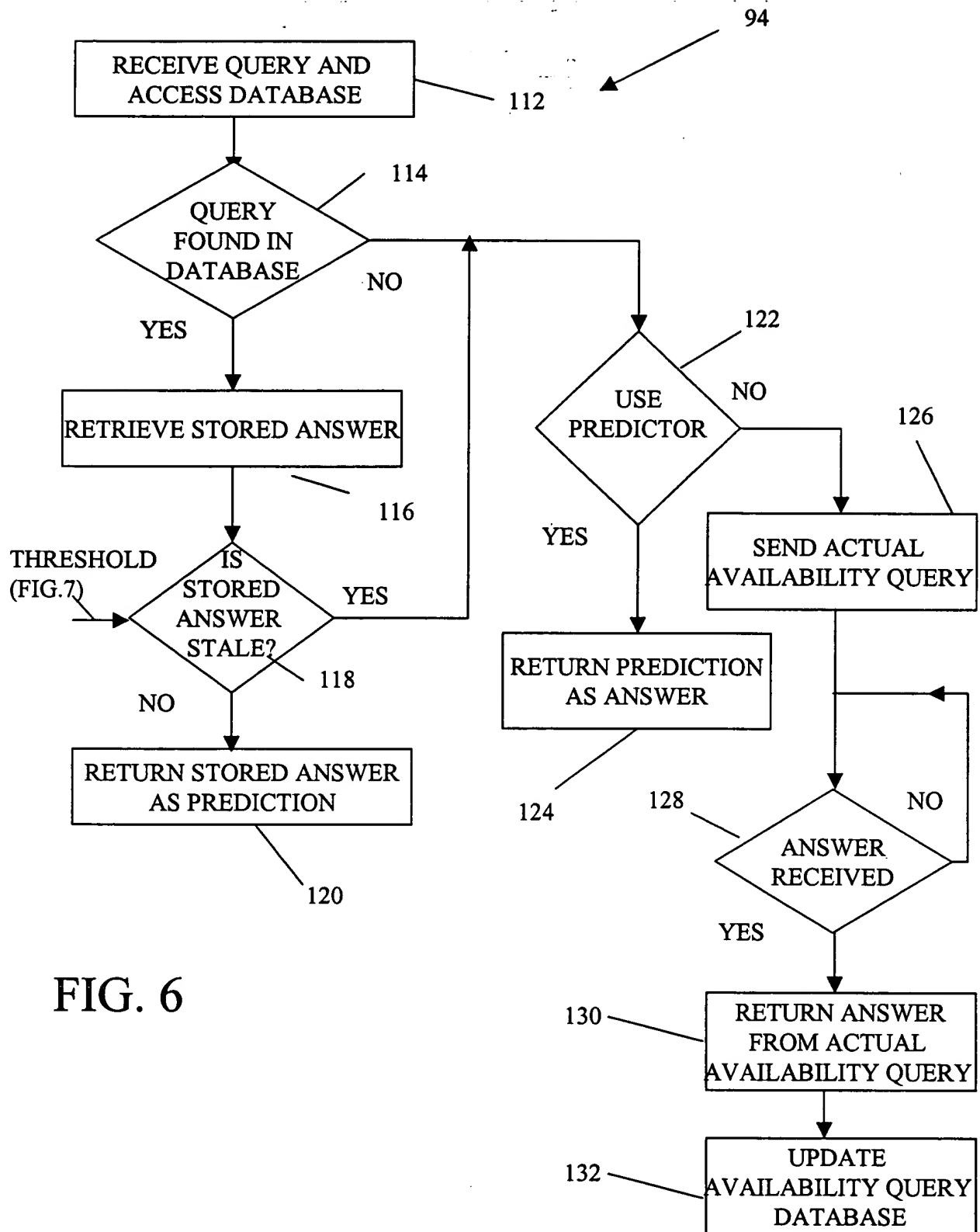
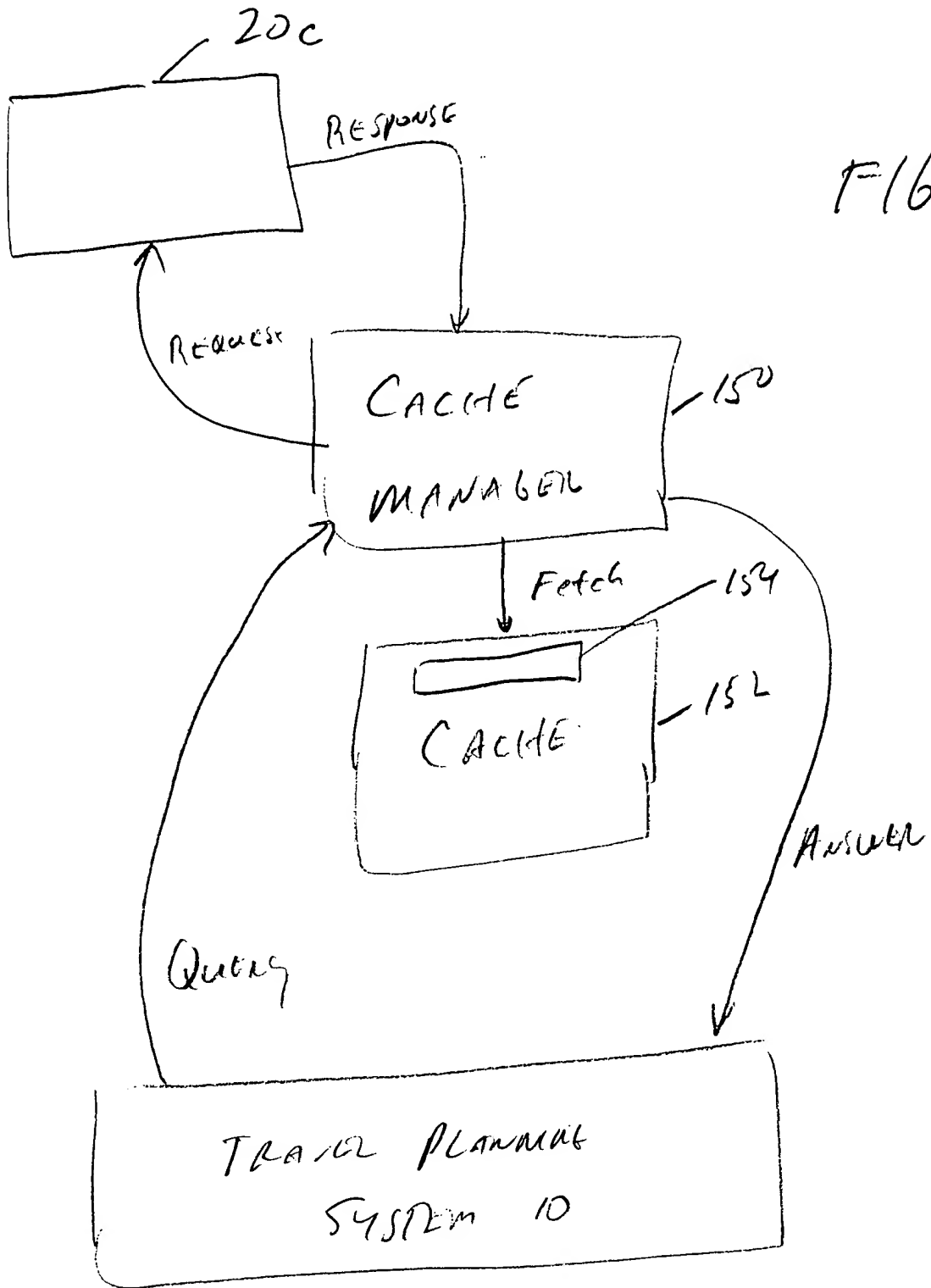
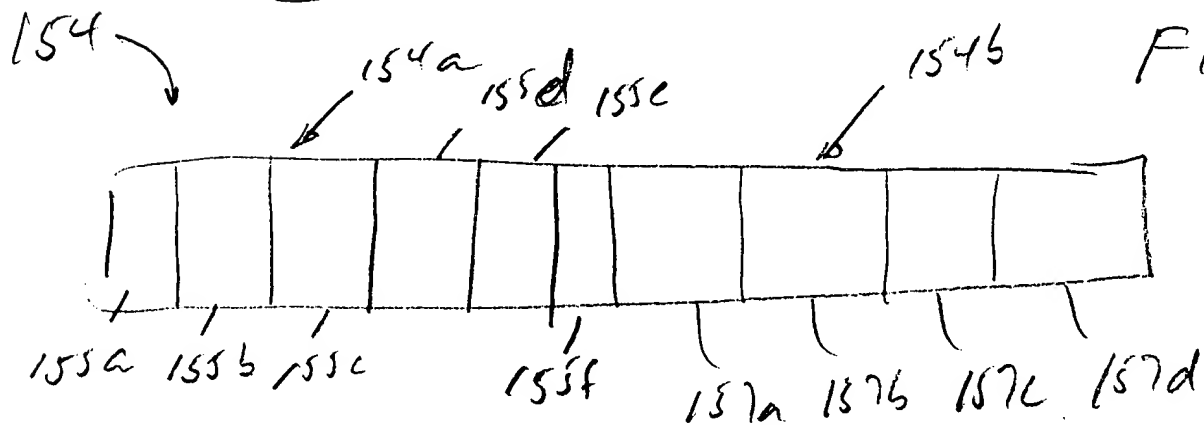


FIG. 4



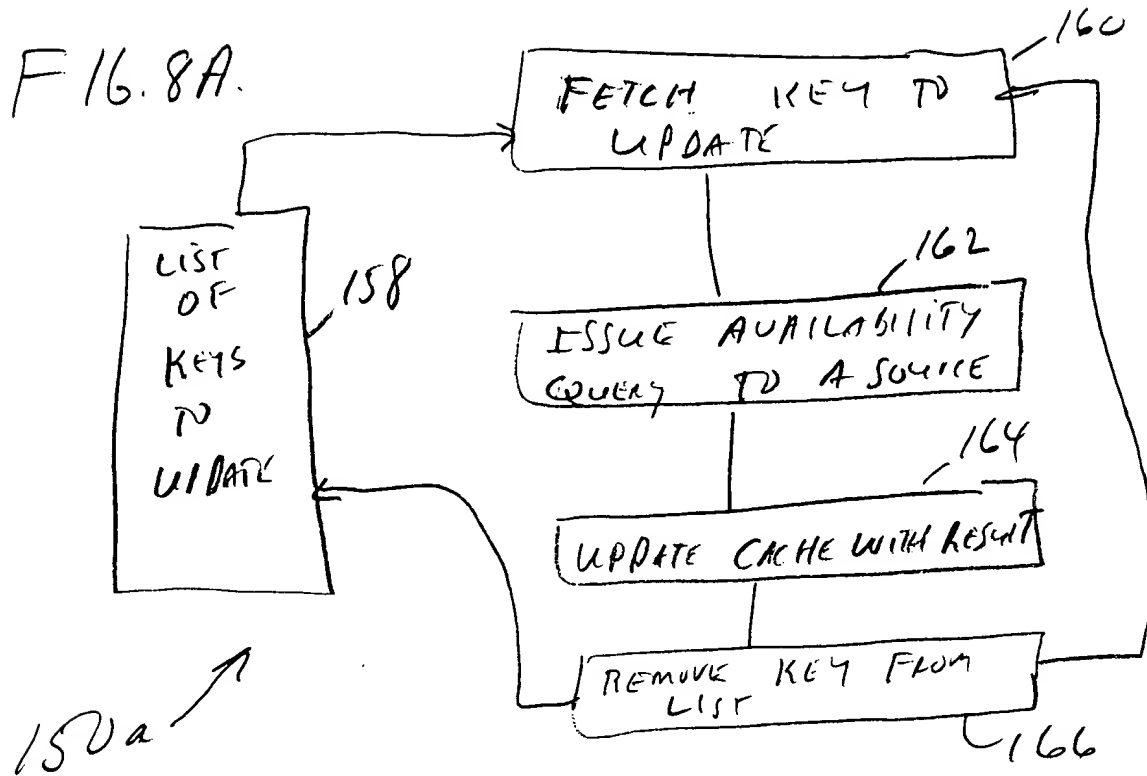


F16.7



F16.7A

F16.8A.

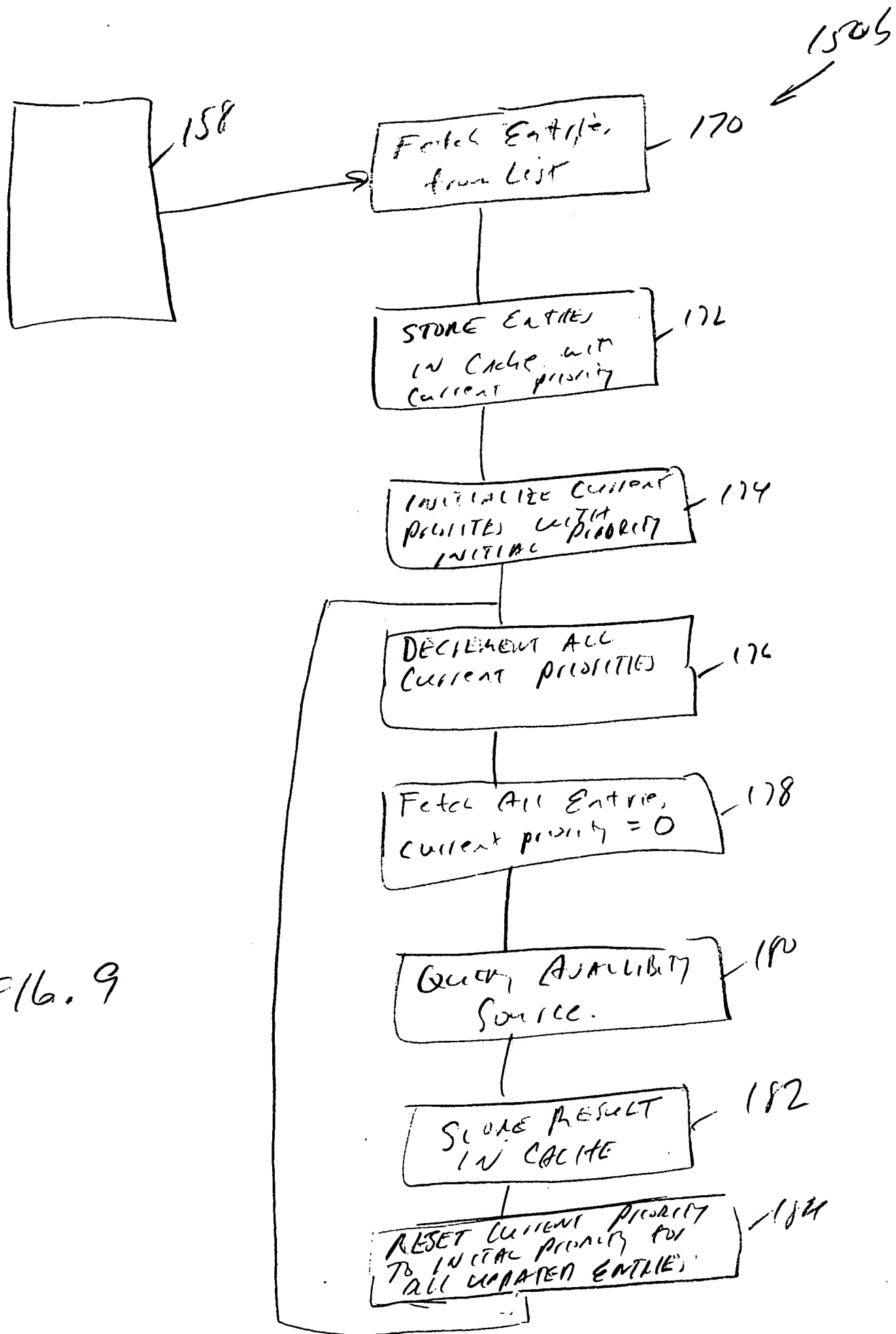


158a
ALL
INSTANCES
OF
FLIGHTS
IN
MARKETS

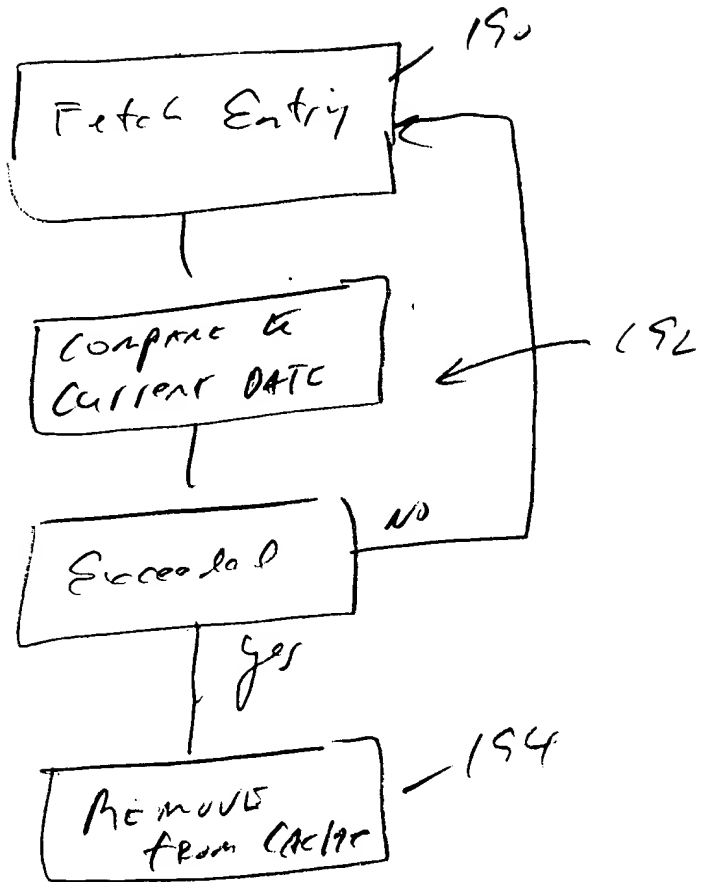
158b
HIGH
DEMAND
F16MFI

F16.8B

FIG. 9



150c →



F16 10

150c →

150d
↓

Queue
↓

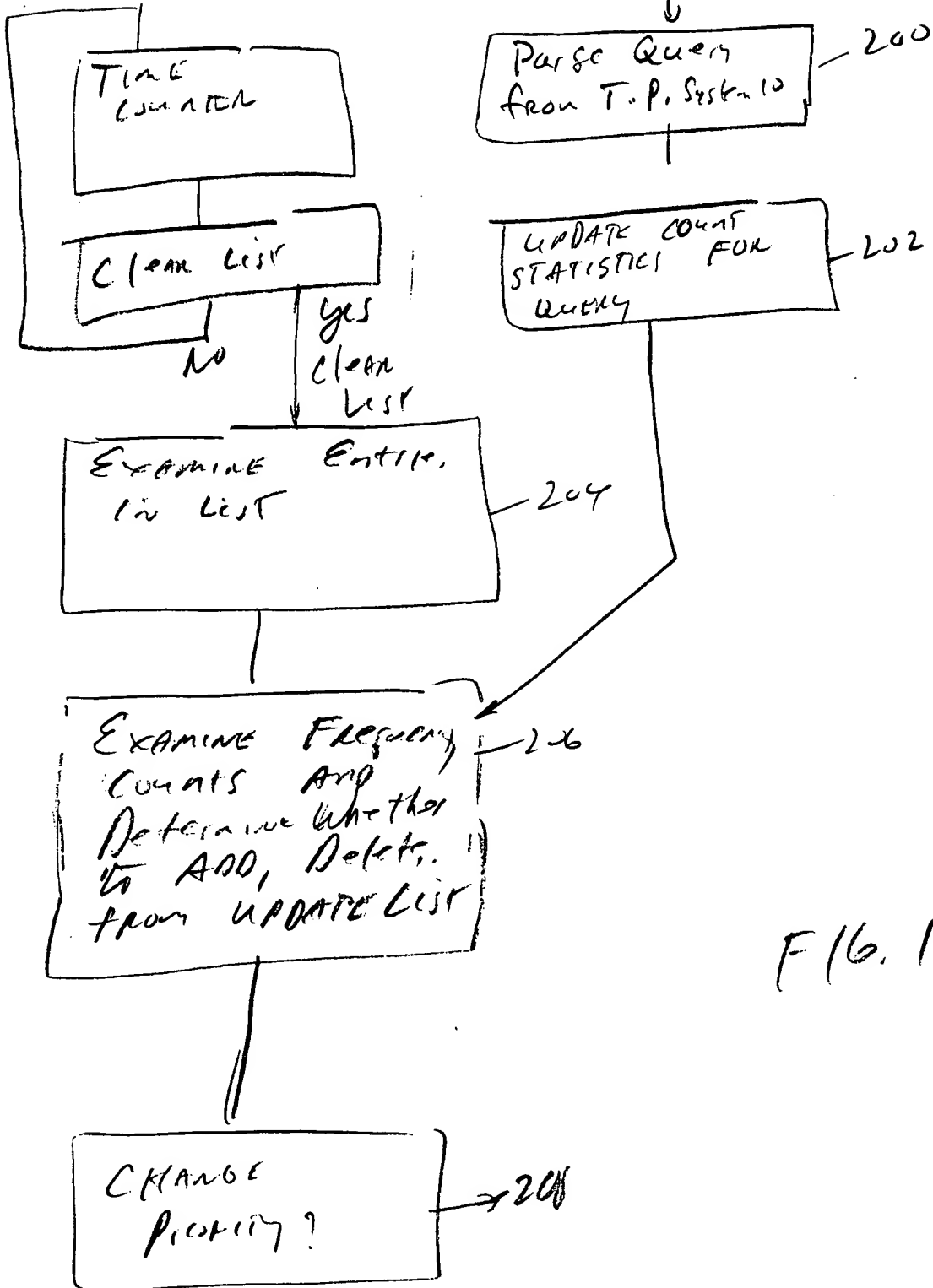


FIG. 11A

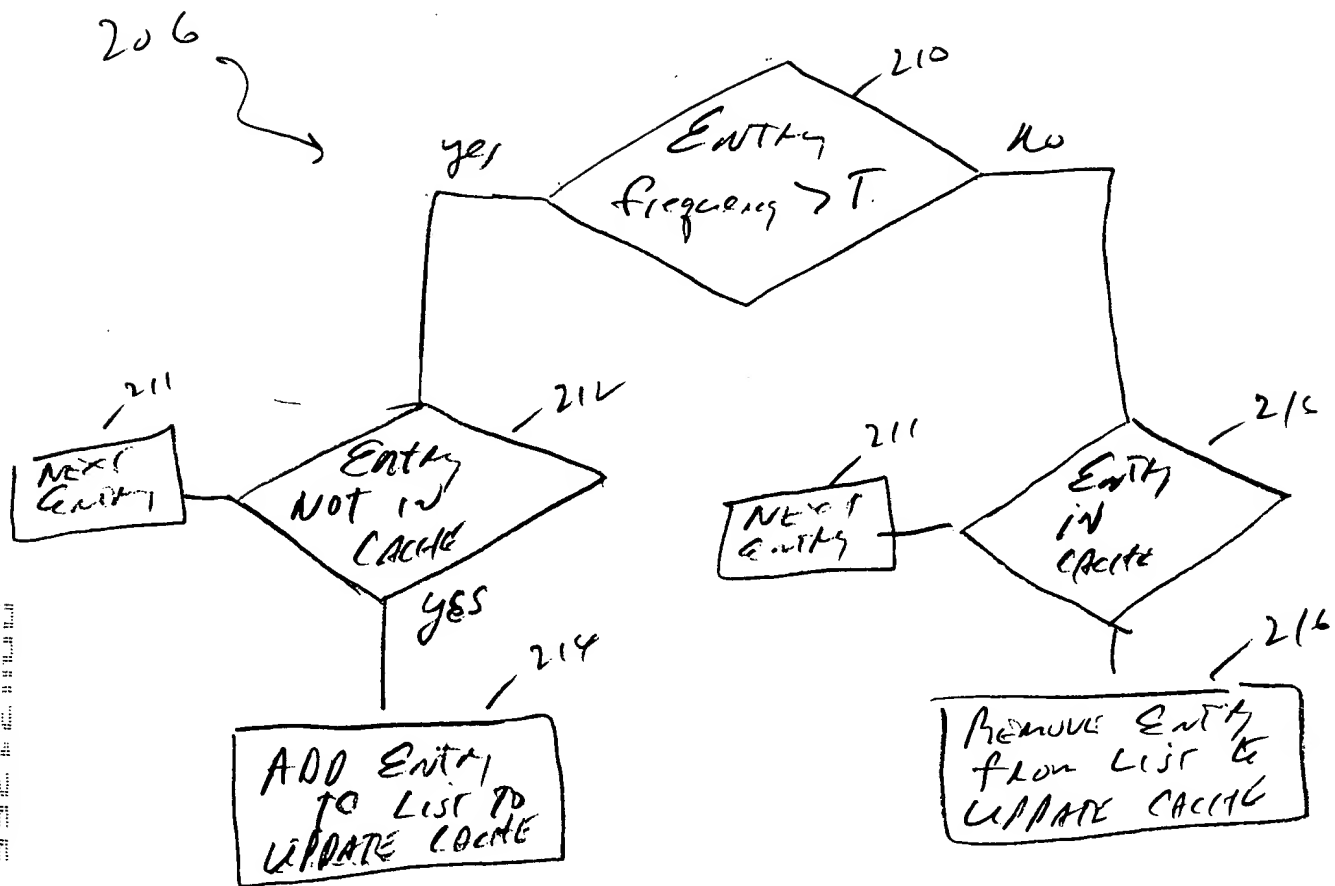
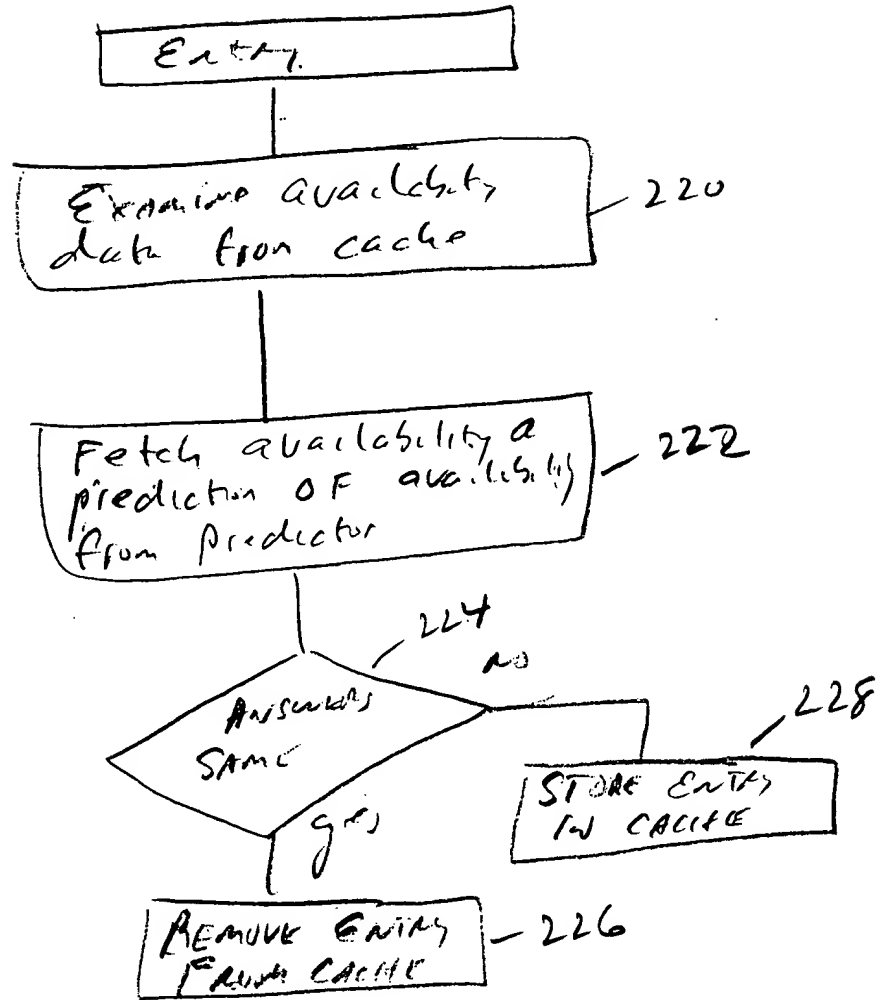


FIG. 11B

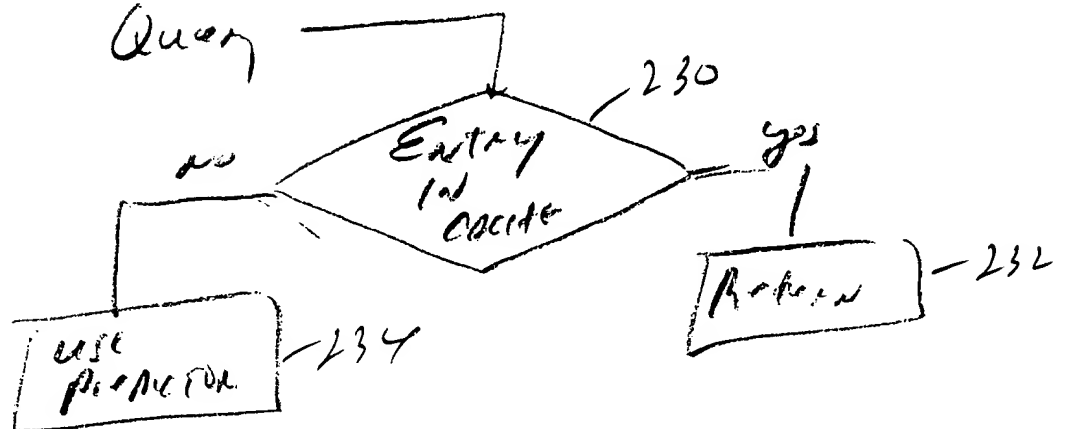
Pl 750e

FIG. 12A



Pl 150e

FIG. 12B



150f

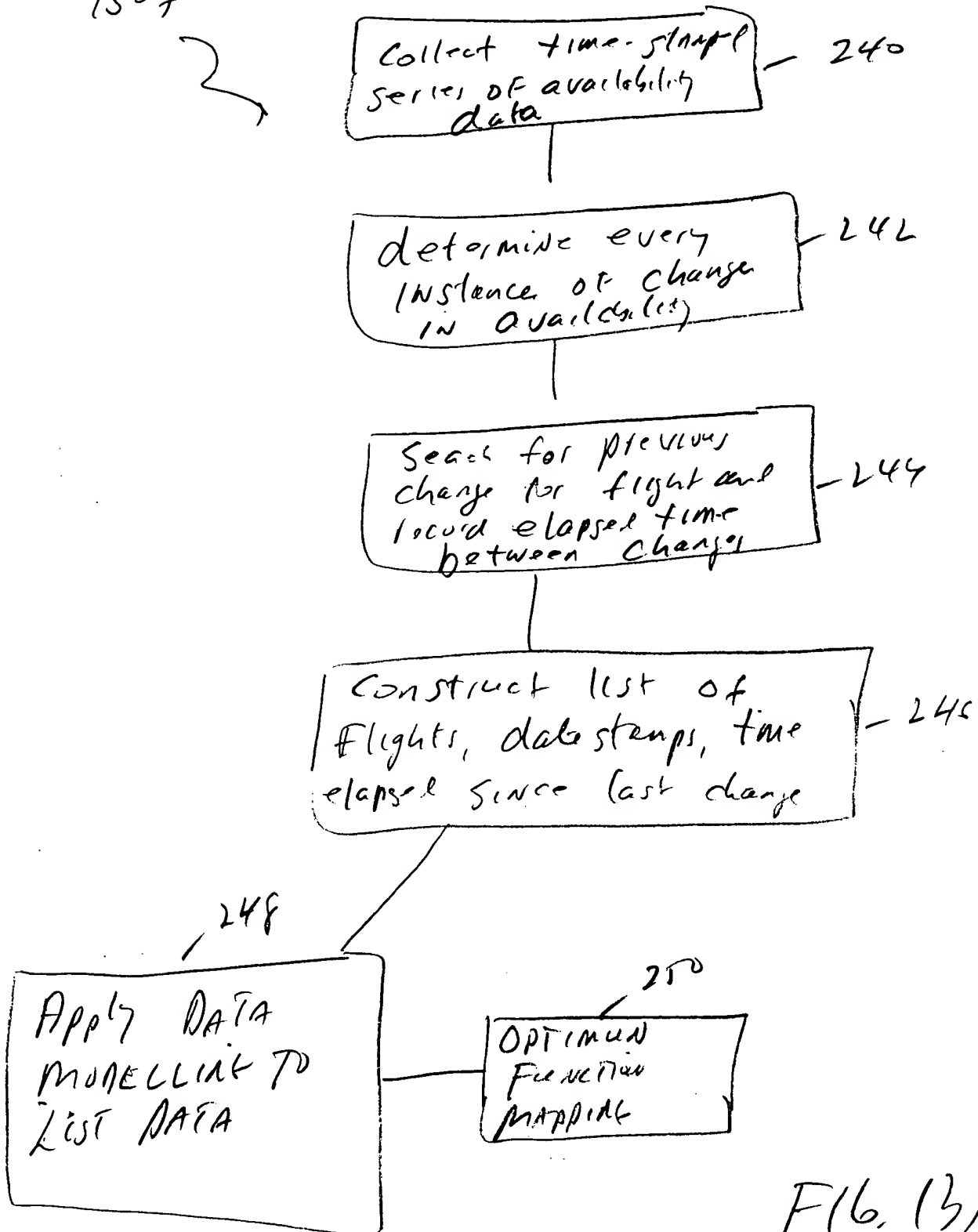
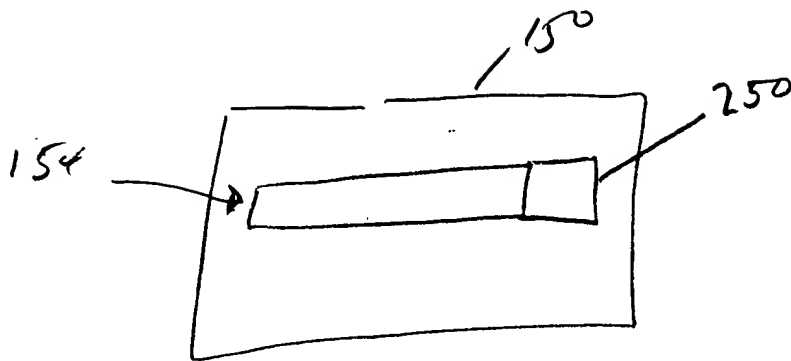


FIG. 13A

P/ 150 f



USE PREDICTION TO
DETERMINE MTBC - 260

Latency & MTBC + Last time - 262

Compare current
time to Latency - 264

yes Before - 266

ISSUE REQUEST
TO FRESHEN ENTRY - 268

F16.13B